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TROPICAL STORM JUNE (18W)

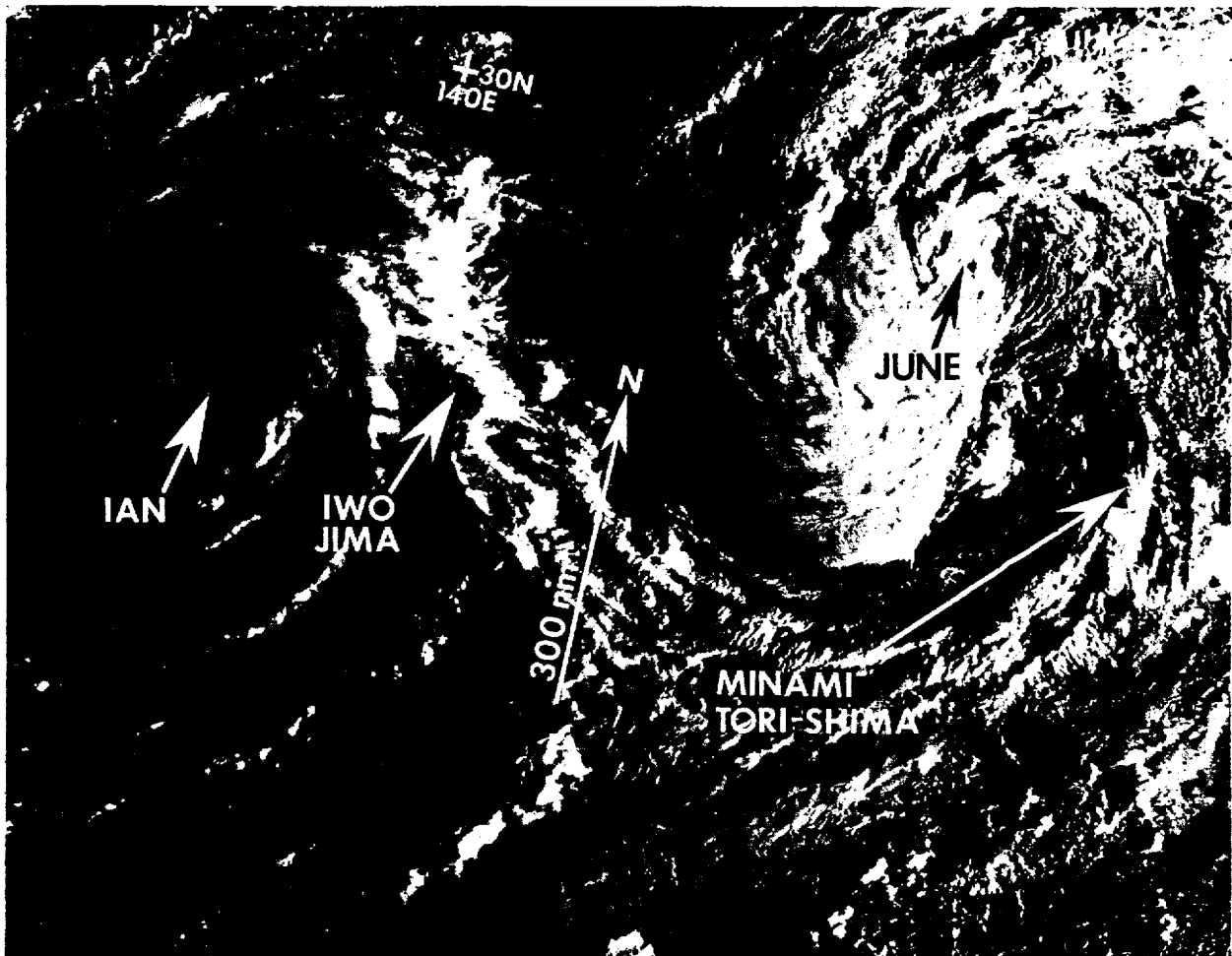


Figure 3-18-1. Tropical Storm June (18W) was the seventh and final tropical cyclone to occur in the western North Pacific during the month of September. It followed in the wake of Tropical Depression 17W. June was of significance due to the fact that, as it developed, two other tropical cyclones were also being warned on by JTWC. June struggled to develop for four days and was first noted as a suspect area on the Significant Tropical Weather Advisory (ABPWPGTW) on September 27th at 0600Z. At 280600Z, JTWC issued a Tropical Cyclone Formation Alert based on increased convective organization and satellite intensity estimates (Dvorak, 1984) of 25 kt (13 m/sec). During the next 18-hours, the convection associated with June increased significantly north of the partially exposed low-level circulation center. This, plus a satellite intensity analysis of 35 kt (18 m/sec), prompted the first warning, at 290000Z. Throughout its existence, June's upper-level outflow was restricted in the west quadrant due to the strength of Typhoon Ian's (16W) outflow. The final warning on June was issued on the 1st of October at 0000Z when the increased vertical wind shear finally stripped away the central cloudiness. The low-level remnants continued to track toward the northeast and were detected on satellite imagery until the 2nd of October. The above image shows June approximately 12-hours after reaching its peak intensity of 40 kt (21 m/sec) (292016Z September DMSP visual imagery).